STATE OF UTAH
NATURAL RESOURCES
Water Rights

Scott M. Matheson, Governor
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* M E M O R A N D U M *

TO: File
FROM: Richard B. Hall, P. E., Directing Engineer
SUBJECT: Field Examination of the Burnt Fork & Beaver Creek Distribution Sys.
DATE: September 4, 1984

A field Examination of the subject systems was undertaken on August 30, 1984, with the following in attendance:

Steve Wilkinson
Blake Wahlen

Richard B. Hall
Jerry L. Bronicel

The following items were observed and/or discussed, as follows for each system:

BURNT FORK:

The Burnt Fork System has adequate measuring devices and is generally operating satisfactorily. Several problems, which were observed, are as follows:

1) The U.S.G.S. station on the headwaters was inundated by sand and gravel during flood flows. As a result, the continuous recorder was removed. The comissioner gets the flow by a weight mounted on an elaborate horizontral arm. We should contact the U.S.G.S. to see what would be necessary to restore the station.

2) The splitter between the West and East Forks consists of moving boulders in the channel. After observing the problem, I suggested a flood and low flow channel consisting of a Gabion Weir in the flood channel and a Gabion control structure in the low flow channel with the splitter mounted on a concrete pier.

BEAVER CREEK:

This system has only two measuring devices and the only regulation the commissioner does is on Hoop Lake and a transbasin diversion to Burnt Fork. We need to reasearch this and determine why a distribution system exists. If there is a need, we need to get some gates and flumes installed.

GENERAL:

There is some confusion as to our relationship with Wyoming on these two systems. This needs to be researched.